

What is claimed is:

1. A truck/trailer box construction, comprising:
a longitudinally straight sidewall structure having a laterally concave upper side and a laterally convex lower side; and
- 5 said sidewall structure comprising spaced apart inner and outer skins and integral, longitudinally spaced apart transverse webs, extending between and interconnecting the two skins.
2. The box construction of claim 1, wherein the inner and outer skins and the webs are constructed from an aluminum alloy.
3. The box construction of claim 1, wherein the inner and outer skins and the webs are formed by extrusion.
4. The box construction of claim 3, wherein the inner and outer skins and the transverse webs are constructed from an aluminum alloy.
5. The box construction of claim 1, wherein the sidewall structure is formed from a longitudinal series of panels that are welded together at edges where they meet.
6. The box construction of claim 5, wherein the panels are constructed from an aluminum alloy.
7. The box construction of claim 1, wherein said sidewall structure has upper side portions that are both longitudinally and vertically straight, said upper side portions being formed by upper portions of the inner and

5 outer skins and by the transverse webs between the two skins.

8. The box construction of claim 7, wherein the sidewall structure includes a pair of upper edges on opposite sides of the sidewall structure, and a longitudinal cap structure extending along each said edge.

9. A method of constructing a truck/trailer box, comprising;

providing a sidewall panel structure that includes an inner skin, an outer skin and a plurality of transverse webs
5 that are longitudinally spaced apart, are parallel, and which extend between and interconnect the skins; and

roll forming the sidewall panel structure to give it a longitudinally straight and a transversally curved shape, concave upper side and a convex lower side, including;

10 providing a plurality of forming rolls having parallel axis, with adjacent rolls forming nips; and

feeding the sidewall panel structure into the nips, with the webs of the panel extending perpendicular to the axis of rotation of the forming roll, and rotating the
15 forming rolls.

10. The method of claim 9, wherein the inner and outer skins and the webs are constructed from an aluminum alloy.

11. The method of claim 9, comprising making a truck/trailer sidewall structure from a plurality of flat panels having transverse edges that meet, and welding the panels together at said edges to form the sidewall structure
5 and then roll forming said structure.

12. The method of claim 11, comprising making the panels by extrusion.

13. The method of claim 9, comprising providing a plurality of sidewall panels, welding the panels together to form the sidewall panel structure, and then roll forming the sidewall panel structure to give it its transversely curved
5 shape.

14. The method of claim 9, further comprising controlling movement of the sidewall panel structure through the forming rolls so that the formed structure has upper opposite side portions which are flat.